# **Health Information Technology Commission Minutes**

**Date:** Thursday March 17, 2011 **Location:** MDCH

1 – 4:00pm 1st floor Capital View Bldg

Conference Room B&C 201 Townsend Street Lansing, Michigan 48913

**Commissioners Present:** 

Greg Forzley, M.D. – Chair Commissioners Absent:

R. Taylor Scott, D.O Joseph Hohner

Olga Dazzo Toshiki Masaki – Vice Chair

Robert Paul Mark Notman

Robin Cole
Larry Wagenknecht, R.Ph.

Dennis Swan

Kimberly Ross – Jessup
Tom Lauzon

Staff:
Beth Nagel – MDCH

David Behen

Paula Johnson – UPHP

**Guests:** 

Naz Irami - Deloitte Mat Kendall – ONC Cnythia Green Edwards Michael Yeshenko - ONC

John Hazewinkel – MSU

Mazhar Shaik – M-CEITA

Clare Tanner – MPHI David Durkee

Laura Rappleye – MDCH Dan Armijo – M-CEITA Cindy Schnetzler – MOA Christine Fend – Covisint

Richard Weiner – Weiner & Assoc.

Deb Mosher – CARHIO

Sharon Leenhouts – Delta Angela Vanker – MPRO

Kimberly Lynch – M-CEITa Virginia Gibson – MSMS

Terrisca Des Jardins – SEMBCC Denise Holmes – MSU

Laura Kolkman – SEMBCC John Vismara – My1HIE

Rick Warren – Allegiance

Richard Boehm – BCBSM

**Minutes:** The regular monthly meeting of the Michigan Health Information Technology Commission was held on Thursday, March 17, 2011 at the Michigan Department of Community Health with ten Commissioners present including the Chair.

#### A. Welcome

 New Commissioner, David Behen the State of Michigan's Chief Information Officer was introduced and welcomed.

#### B. Review and Approval of 2-17-11 meeting minutes

• Minutes of the 2-17-11 meeting were approved and will be posted to the HIT Commission website following this meeting.

#### C. MiHIN Shared Services Technology

- Rick Warren from the MiHIN Shared Services presented an overview of the technology implementation as it has evolved from the submission of the MiHIN Shared Services Strategic and Operational Plan.
- Commissioners expressed concern over the path of the implementation and
  questioned the Commission's role in providing input on technology changes
  in the MiHIN Shared Services. The Commission questioned whether or not
  the changes being presented were strategic in nature or if it was specific to
  implementation. The Commission also questioned the roles and
  responsibilities of the HIT Commission as they relate to the MiHIN Shared
  Services. Specific to the technology, the Commission wanted to know more
  about the analysis and how the decision was derived.
- Commissioners requested more information from the MiHIN Shared Services about the presented technology approach. Commissioner Larry Wagenknecht, R.Ph, who represents the HIT Commission on the MiHIN Shared Services agreed to provide more information in advance of the next HIT Commission meeting.
- Commissioners asked if the Strategic and Operational plans need to be
  resubmitted based on this advancement and Beth Nagel stated that the plans
  did not need to be resubmitted based on this change. Nagel said that plans
  must be resubmitted yearly regardless of program changes because the ONC
  recognized that details are bound to change from the original plan and that
  ONC has been kept up to date and approves of the technology approach
  presented by the MiHIN Shared Services.
- Commission Chair Greg Forzley M.D., and Commissioner Larry
  Wagenknecht R.Ph., volunteered to draft a more defined division of roles and
  responsibilities between the HIT Commission and the MiHIN Shared Services
  and plan to discuss at the next HIT Commission meeting.
- The Commission advised the MiHIN Shared Services to continue working toward ONC deadlines in the State HIE Cooperative Agreement by engaging in activities like creating a Request For Proposals (RFP).

# D. Office of the National Coordinator for HIT Presentation on the Regional Extension Center Program

- Mat Kendall the Director of the Office of Provider Adoption Support at the ONC presented the Commission with a broad view of the Regional Extension Center program across the nation and focused specifically on the history and current status of the Michigan program called M-CEITA.
- Kendall discussed the March 1 letter he sent to M-CEITA directing all stakeholder input functions to be transferred to the HIT Commission.
- The Commission discussed the process for fulfilling the ONC expectations for stakeholder input. The Commission discussed the need for regular update on the metrics and measures of the M-CEITA program.
- Commission Chair Greg Forzley, M.D., volunteered to work directly with MDCH and M-CEITA to develop a stakeholder engagement plan for discussion at the next HIT Commission meeting.
- The Commission asked Kendall what would happen if the stakeholder input was not adequately addressed by the prime contractor for M-CEITA. Kendall noted that MDCH has a direct communication link to the ONC and should engage the ONC to discuss solutions to any issues that may develop.

#### E. Southeast Michigan Beacon Community Collaborative – Update and Status

- Terrisca Des Jardins presented an overview of the Southeast Michigan Beacon Community Collaborative (SEMBCC) including history, recent developments and the future next steps.
- Des Jardins walked the Commission through the critical decision-making and contextual issues in a technology "reset" and how the SEMBCC will take its next steps. Des Jardins noted that the SEMBCC will make regular updates to the HIT Commission.
- The Commission asked about the community involvement, especially from employers and Des Jardins provided with the list of those involved.

#### F. Commissioner Updates

Commissioner Taylor Scott, D.O., updated that Dr. Mazhar Shaik from M-CEITA presented at the Ingham County Michigan Osteopathic Association meeting and successfully discussed the issues and challenges of Health Information Technology with the members.

#### G. Public Input

• No public input was offered.

#### H. Adjourn

• Meeting Adjourned at 3:35pm



# Michigan Health Information Technology Commission

March 17, 2011

The Michigan Health IT Commission is an advisory Commission to the Michigan Department of Community Health and is subject to the Michigan open meetings act, 1976 PA 267, MCL 15.261 to 15.275

# Agenda

- A. Welcome & Introductions
- B. Review of 2-17-11 meeting minutes
- C. MiHIN Shared Services Technology
- D. Regional Extension Center Presentation from the Office of the National Coordinator for HIT
- E. Southeast Michigan Beacon Community Collaborative
- F. Commissioner Updates
- **G.** Public Comment
- H. Adjourn





# **MiHIN Shared Services Technology**

Rick Warren, Larry Wagenknecht

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## Review

- MiHIN Shared Services (SS) a multi-stakeholder 501(c)(3) collaborative acting as the Michigan State Designated Entity under the Recovery Act program called the "State HIE Cooperative Agreement"
- The MiHIN SS is tasked with implementing the federally approved Strategic & Operational plans with annual updates expected
- The MIHIN SS is funded by a grant agreement with MDCH to carry out the federal program with federal funding



## Required to Define Technology

 Statement of Work between MiHIN Shared Services & MDCH requirement:

#### Plan For and Procure Technology:

"Develop a technology and procurement strategy (including sequence and timing of future technology procurement) that uses the MiHIN Shared Services Strategic and Operational Plans as guidelines."



### **Need to Refine Technology Approach**

- Strategic & Operational Plans laid the foundation, but needed to be revisited:
  - Plans are over 1 year old
  - Technology options have changed
  - Michigan's HIE landscape has expanded
  - Meaningful Use Stage 1 has been defined
  - ONC expectations had been refined



# **New Information Added Option**

- Independent review yields another option
  - A "network of network" approach
  - Conceptually very similar to approach in Strategic & Operational Plans
  - Meets goals of State HIE Cooperative Agreement
  - Estimated cost is less to implement and operate



# **Process to Define Approach**

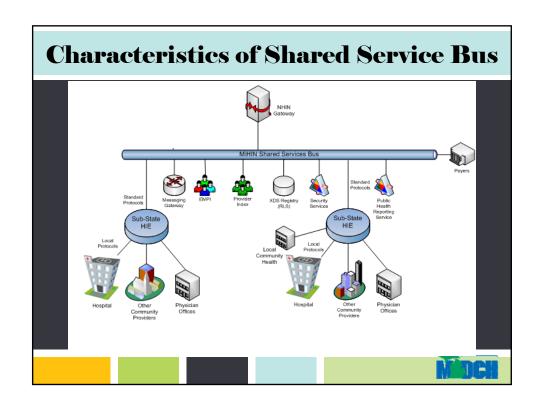
- Sub-Committee to MiHIN SS Board
  - Understand the characteristics of technology options
  - Compare and contrast
  - Identify implications
  - Develop recommendation for MiHIN SS Board



# **Process to Define Approach**

- Review team included representatives from:
  - Sub-state HIEs
  - Michigan payers
  - The State of Michigan Medicaid, Public Health,
     Department of Technology, Management and Budget.
  - Subject Matter Experts
- Sub Group looked at four options:
  - 1. Network of Networks approach
  - 2. MiHIN Shared Services Bus
  - 3. Further Study Required
  - 4. Other

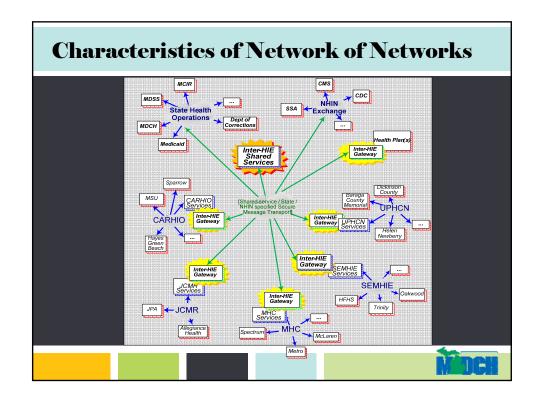




# **Characteristics of Shared Service Bus**

- Centralized Services
- Master Patient Index, Master Provider Index
- Central document (XDS) registry
- More top down control
- Consolidated source of shared data indices





#### **Characteristics of Network of Networks**

- Service Oriented Architecture (SOA) based; open systems
- Centralized Provider Index, Network Index
- Inter-HIE gateway relies on standard, secure messaging
- Flexible, scalable
- Less cost
- Minimal dependence on central service
- Follows NHIN connect model
- Emphasis is on transaction standards
- More HIE autonomy
- Protects current investment



# **Recommendation to Board**

- The Technical Review Team recommends beginning with the Network of Networks approach
- Key Rationale:
  - This approach is incremental
  - Costs less to implement & operate
  - Can evolve into a more centralized System
  - It focuses initial efforts where most needed now: Expanding sub-state HIEs capabilities & pushing key data statewide
  - The Shared Services Bus option will take a longer time to design and implement
  - Network of networks can be implemented quickly and can achieve functionality to build momentum



# **Key Considerations**

- Less cost to implement and sustain
- Supports statewide "push"
- Does not support query: does not include a centralized Master Patient Index or XDS registry
- Incremental growth possible: can evolve to central services bus
- Shared Service Bus remains long term solution
- Supports public health reporting functions
- Fulfills ONC expectations
- Meets Meaningful Use HIE criteria



# **Next Steps**

- Sub Committee drafting RFP
- RFP review
- Expedited procurement
- Selection
- Negotiation
- Sign by September 30, 2011
- Implementation begins





# **Regional Extension Center Presentation from the ONC**

Mat Kendall, Michael Yeshenko

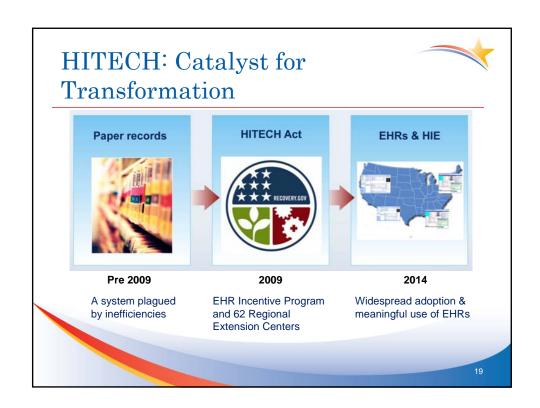
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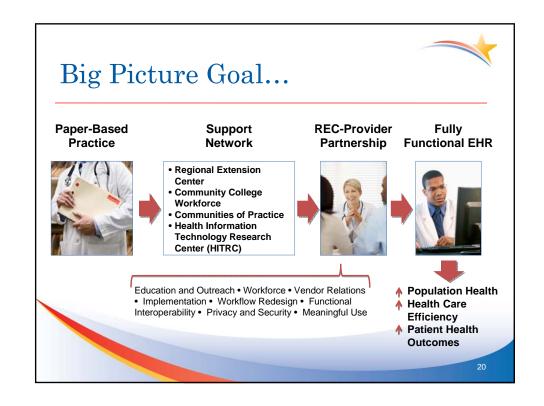


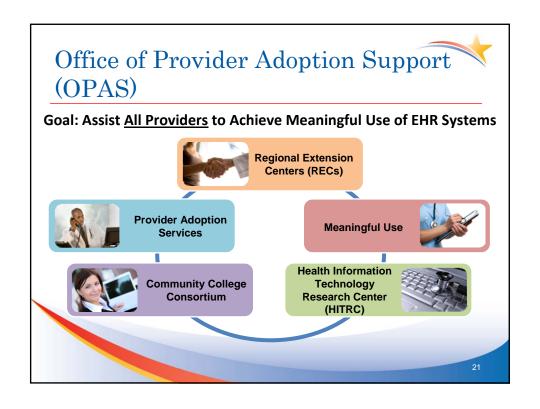
# Regional Extension Centers: Helping Providers to Achieve Meaning Use of Electronic Health Record Systems

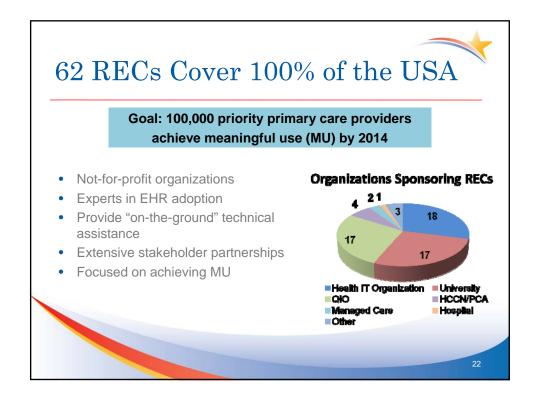
Mat Kendall

Director of the Office of Provider Adoption Support
Office of the National Coordinator for Health Information
Technology









# United Purpose, Local Approaches

- · Each REC has a:
  - Defined service area
  - Specific number of providers to assist
  - National perspective with local expertise
- Approach differs by REC:
  - Local/regional centers (RECs within an REC)
  - Hospital partnerships
  - Payer partnerships

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# REC Focus: Priority Primary Care Providers (PPCP)

While RECs are encouraged to work with all providers, they will initially focus on "Priority Settings":

- Individual/small group primary care practices (<10 PCPs)</li>
- Public Hospitals and CAHs
- Community Health Centers and Rural Health Clinics
- Other settings that serve medically underserved populations

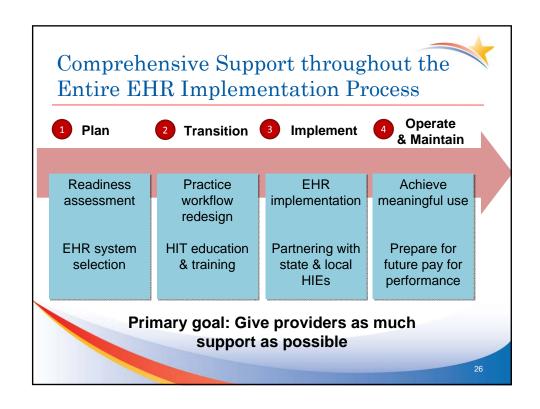


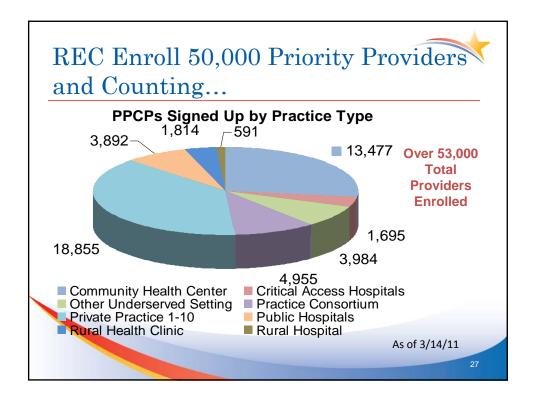
**REC Locations** 

Of the nearly 18,000 providers in Michigan nearly 7,000 are PPCP

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## General Lessons Learned So Far:

- Close alignment between ONC funded programs is critical for overall success of programs
- Program need to adjust to address local needs of providers
- Broad level of stakeholders is critical for reaching providers
- Initial timelines for RECs were too aggressive but targets are still critically important for the biennial evaluation

# Ohio Health Information Partnership



- Currently enrolled 3,294 providers out of 6,000 target
  - 90% of enrollment was in the last three months
  - Targeting 100% completion by August 2011 with and contemplating expanding recruitment by several thousand additional providers
- One grantee for HIE/REC programs that works closely with HIT coordinator
  - Working closely with the Beacon in the Cincinnati area
- Leveraging local extension centers to engage providers across the state
- Strong support from key stakeholders, such as state hospital association

# OPAS Goals for Michigan



- Support <u>all</u> providers to achieve Meaningful Use
- · Leverage existing infrastructure
  - Strong established provider organizations
  - Widespread adoption of e prescribing and registries
  - Well coordinated government systems
- Support sustainability of all HIT Efforts
  - Ensure Michigan achieves objectives of State HIT strategic plan
  - Position providers to take full advantage of health care reform

# Opportunities/Challenges for Michigan

- Large number of providers to assist
  - Nearly 7,000 PPCP in Michigan
  - Only 1,500 or 3,724 PPCP target are currently enrolled
- Diverse settings require customized approaches
  - Rural vs., urban, Upper Peninsula vs. rest of the state, etc.
- Numerous organizations that can be tapped to support efforts

# ONC's Perspective on the Proposed New Role of the Michigan HIT Commission

- Monitor success of the REC and assist in identifying strategies/approaches to allow M – CEITA to achieve REC goals
- Identify ways that program can be leveraged to support other HIT efforts in Michigan
  - Support HIT strategic plan
  - Support HIE/Beacon activities
- Help identify how the program can evolve to support other providers to achieve meaningful





# Southeast Michigan Beacon Community Collaborative Update Michigan HIT Commission March 17, 2011 Terrisca Des Jardins Gary Petroni

#### **Presentation Outline**

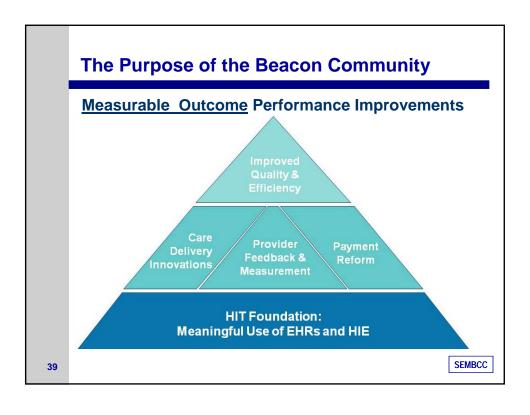
- · Review of National Beacon Initiative
- · Review of Southeast Michigan (SEM) Beacon Initiative
  - Goals
  - Workgroups Responsibilities
  - · Planned Clinical Interventions
- · SEM Beacon Project Reset
  - Organizational Structure
  - ONC Technical Advisors on Technology
- SEM Beacon Technology Reset
  - EAB Ad Hoc IT Sub-committee
  - Options
  - Timeline

· Next Steps

# National BEACON Project

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# ONC/HHS Beacon Community Program: 17 Awards Across the United States North Dakota Minnesota South Dakota Minnesota New Jorado States New Jora



Beacon Community Awardees	
Bangor Beacon Community, Brewer, ME	\$12,749,740
Beacon Community of the Inland Northwest, Spokane, WA	\$15,702,479
Central Indiana Beacon Community, Indianapolis, IN	\$16,008,431
Colorado Beacon Community, Grand Junction, CO	\$11,878,279
Crescent City Beacon Community, New Orleans, LA	\$13,525,434
Delta BLUES Beacon Community, Stoneville, MS	\$14,666,156
Greater Cincinnati Beacon Community, Cincinnati, OH	\$13,775,630
Greater Tulsa Health Access network Beacon Community, Tulsa, OK	\$12,043,948
Hawaii County Beacon Community, Hilo, HI	\$16,091,390
Keystone Beacon Community, Danville, PA	\$16,069,110
Rhode Island Beacon Community, Providence, RI	\$15,914,787
San Diego Beacon Community, San Diego, CA	\$15,275,115
Southeast Michigan Beacon Community, Detroit, MI	\$16,224,370
Southeastern Minnesota Beacon Community, Rochester, MN	\$12,284,770
Southern Piedmont Beacon Community, Concord, NC	\$15,907,622
Utah Beacon Community, Salt Lake City, UT	\$15,790,181
Western New York Beacon Community, Buffalo, NY	\$16,092 <sub>1</sub> 485

#### **Achieving the National Beacon Vision Accelerated** 31 Month Roadmap Phase 2: Phase 1: Program Launch Phase 3: Implementation & **Evaluation &** Refinement **Dissemination** (Jan 2013-Mar 2013) (September 2010 (October 2010--October 2010) Dec 2012) SEMBCC 41

Southeast Michigan
Beacon

#### **Southeast Michigan Beacon Scope of Project**

- Improve continuity, quality and safety of care for underserved patients with chronic diabetes in:
  - Detroit, Hamtramck, Highland Park, Dearborn and Dearborn Heights, Michigan
- Diabetes has a very high prevalence among the target population: 12.8 percent of adults, or 93,000 people
  - Target minimum 4,000 patients by 12/31/11 29,000 patients by 12/31/12

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# Southeast Michigan Beacon Scope of Project Cont'd

- . Minimum number of provider sites
  - 7 FQHCs across 20 locations
  - 18 physician practices (independent and hospital affiliated)
  - 3-6 emergency departments

#### **Measurements – Quality**

Increase by 5%, from baseline the proportion of diabetic patients having:

- . HbA1c tested within 12 months
- . LDL-C tested within 12 months
- . Eye exam within 12 months
- Rate of PCP visit:
  - . Within 6 months of acute care hospitalization
  - Within 30 days of acute care hospitalization
  - . Prior to 30 day unplanned readmission
- . Blood pressure <130/80mmHg, <140/80, < 140/90
- . Nephropathy assessment within 12 months

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#### **Measurements – Cost**

Decrease by 5%, from baseline the proportion of diabetic patients having:

- . Unscheduled acute care 30 day re-hospitalization
- . Risk adjusted ED utilization rate
- . Acute care hospitalization mean length of stay
- Risk adjusted mean annual costs across treatment episodes

#### **Measurements – Population Health**

#### Increase by 5%, from baseline:

- . Influenza vaccination within 12 months
- Assessment of smoking status and advice as indicated
- . BMI documentation
- Disparity ratios for quality of care and population health measures (gender, insurer, race)

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#### **SEM Beacon Project Workgroups**

- . Clinical Transformation
- . Evaluation and Measurement
- Information Technology & Security
- . Stakeholder Engagement & Participation
- Sustainability

# **SEM Beacon Clinical Interventions**

- . Engagement
- . Clinical Process Improvement
- . Clinical Decision Support
- Clinical Process Evaluation and Continuous Improvement
- Care Coordination Ambulatory (Patient Navigators)
- Care Coordination Hospital (ED and Hospital Lead)

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# Clinical Transformation - Key Driver Map GOALS (OUTCOMES Tell Screens by TN, From Number the preparation of discheric prisons savey: 1. If Make testind within 12 months 1. If All Created which 12 months 1. If All Created within 12 months 2. If All Created within 12 months 2. If All Created within 12 months 3. If All Created within 12 months 4. If All Created within 12 months 5. If All Created within 12 months 5. If All Created within 12 months 6. If All Created within 12 months 1. If All Created within 12 months 2. If All Created within 12 months 3. If All Created within 12 months 4. If All Created within 12 months 5. If All Created within 12 months 6. If All Created within 12 months

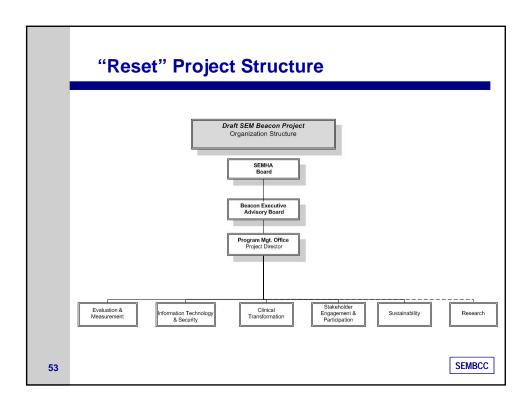
# Southeast Michigan BEACON Project Reset

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#### **SEM Beacon Project Background**

- · Accelerated timeline (31 months vs. 36)
- · SEMBCC history to date
  - Award announcement 9/2/2010
  - Baseline data submitted on time 12/23/2010
  - ONC sent advisory letter to SEMHA 12/23/2010
    - . Rationale for reset accountability
    - . ONC expectations
  - SEMBCC component resets
    - . Governance
    - . Staffing, Workgroup Leadership
    - . 1st Meeting Executive Advisory Board 02/25/11
    - . Technology approach 02/25/11



#### **Critical staffing**

- Gary Petroni to remain on Beacon in an advisory capacity after transition
- . Terrisca Des Jardins: Program Director
- Contractual relationships with workgroup chairs
  - Jackie Rosenblatt Clinical Transformation
  - Denise Holmes Evaluation and Measurements
- Contractual IT lead is being transitioned, given reset on technical work
  - Need to identify new requirements
  - Priority hire IT Director
- . Program Manager in process
- . Communications Manager starts 3/24
- . Program Specialists
  - 1 on-board completing office set-up, 1 starting 3/21, 1 starting 4/1
- Patient Care Navigators at least 4, maybe more in process
- . Administrative Assistant in process

#### **Executive Advisory Board Members**

- · Vernice Davis Anthony, Greater Detroit Area Health Council
- · Yvonne Anthony, Dept. of Health & Wellness Promotion
- . Thomas Cieszynski, Southeastern Michigan Health Association
- Cynthia Green-Edwards, Michigan Department of Community Health
- Ricardo Guzman, Community Health and Social Services Center
- . Rick Hillbom, Oakwood Hospital and Medical Center
- . Adam Jablonowski, Wayne County Medical Society of SE MI
- . Marsha Manning, General Motors
- . Toshiki Masaki, The Ford Motor Company
- . Bob Milewski, Blue Cross Blue Shield of Michigan

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#### **Executive Advisory Board Members Cont'd**

- . Barbara Rossman, Henry Ford Macomb Hospital
- . John Slaughter, Juvenile Diabetes Research Foundation
- . Lucille Smith, Voices of Detroit Initiative
- Herb Smitherman, MD, Wayne State University School of Medicine
- . David Spivey, St. Mary Mercy Hospital
- Cynthia Taueg, St. John Providence Health
- Edward Wolking, Detroit Regional Chamber
- Robert Yellan, Michigan Peer Review Organization
- Beth Nagel, Michigan HIE Coordinator (ex officio)
- Derek Robinson, MD, The Centers for Medicare and Medicaid (ex officio)

# Southeast Michigan BEACON Technology Reset

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#### **EAB - IT Ad Hoc Sub-committee**

- EAB decided to pursue an off-the-shelf approach for Beacon technical infrastructure
- · Established IT Ad Hoc Sub-committee
- Chartered to recommend alternative technical options for meeting Beacon objectives

#### **EAB Ad Hoc IT Subcommittee**

- Andrew Dignan VODI
- Adam Jablonowski MI State Med. Society
- Jack Malloy HFHS
- Marsha Manning General Motors
- Jackie Rosenblatt

  MPRO
- · Lucille Smith VODI
- Herb Smitherman, M.D. Wayne State
- Cynthia Taueg St. John
- Terrisca Des Jardins SEM Beacon
- Gary Petroni SEM Beacon
- Laura Kolkman Consultant
- Barbara Bateman Consultant

\* Chair/Co-Chair to be identified

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#### **Process – March 2**

- Purpose of ad hoc sub-committee
- Capabilities required
- · Criteria for recommended alternative approach
- Alternative Categories

#### **Options for technology acquisition**

- Contract directly with a vendor to acquire and implement the required capabilities
- Work with a sub-state HIE to leverage existing technology and relationships

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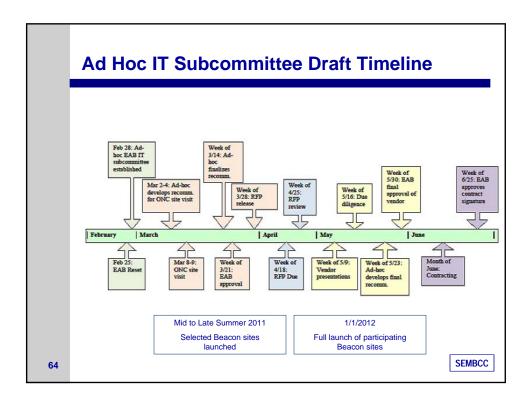
#### Discussions – March 3 and March 4

- Presentation of sub-state HIEs Beth Nagel, State of Michigan HIE Coordinator
  - Capital Area RHIO
  - Jackson Community Medical Record
  - Michigan Health Connect
  - my1HIE
  - Upper Peninsula Health Care Network
- Other discussion topics
  - Contracting directly vs. partnering with an existing sub-state HIE
  - Discussed Indiana and Cincinnati HIEs
- Create a draft timeline and process to contract for services
- Contacted Michigan sub-state HIEs to determine interest and feasibility

#### **Recommendation Vetted at ONC Site Visit**

- . Contract directly with a technical Vendor
- . Current thinking on approach
  - Point of care tools
  - Population level management tools
  - HIE functionality

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#### Ad Hoc IT Sub-committee - next steps

- . Meeting tonight to further refine thinking
- Further build-out of committee for RFP process
- Recommendation for EAB consideration/approval Mar 31
  - Includes RFP

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#### **Overall Next Steps**

- Build out programmatically while moving initiative forward
  - Committees, staffing, budget
- Further refinement of overall scope and align scope of work across domains

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### How can you help?

- . Member (ex officio) of the EAB
  - Beth Nagel Michigan HIT Coordinator
- Provide a representative on the IT Ad Hoc Subcommittee
- Upcoming May 4<sup>th</sup> Beacon Birthday
- . Regular opportunity for update
- Other ideas?

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#### **Southeast Michigan BEACON Contacts**

Terrisca Des Jardins Program Director Southeast Michigan Beacon Community Collaborative SEMHA tdesjardins@semha.org

ph: 313.873.9302

Gary Petroni
Director, Center for Population Health Director
SEMHA
Interim Beacon Director
gpetroni@semha.org
ph: 313.873.9302





